SCIENCE—Lesson Plans and Models

Subject	Title	Author	Abstract	Source	Publisher
Lesson Plans and Models	Teaching high school science in the information age; a review of courses and technology for inquiry-based learning	Limm, Marsha, Slotta, James, Baumgartner, Eric	This article addresses the use of technologies such as organizational tools, statistical modeling programs, and dynamic modeling software as related to science instruction.	Milken Family Foundation	http://www.mff.org/pubs/HSscience.pdf
Lesson Plans and Models	Public Broadcasting System		PBS curriculum materials that weave together video and online resources into an exciting instructional strategy that builds on the visual and collaborative strengths of these media.		Retrieved from http://www.pbs.org/teachersource/sci_tech.htm
Lesson Plans and models	Computer Assisted Instruction and tutorial software	Alex Bodzin	This area is for the discussion of implementing CD-ROM’s and computer software simulations into science classroom instruction.		Retrieved from http://courses.forum.ncsu.edu/cgi-bin/netforum/sciteach/a/3--4
Lesson Plans and models	IMSEnet A Network of Instructional Materials for Science Educators	John Park	IMSEnet's SciTeach Web forum is a place where science teachers can share ideas, reflections and conversations on teaching and implementation of technology in the classroom, while also providing support for each other as members of an electronic professional community.		Retrieved from http://www.ncsu.edu/sciencejunction/terminal/imse/highres/index.htm

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Lesson Plans and models	Science Junction	North Carolina State University	A cyber-community for students, teachers and researchers of science.		Retrieved from http://www.ncsu.edu/sciencejunction/index.html
Lesson Plans and Models	Computer-based Tools for the Development and Investigation of Scientific Reasoning Skills	Danielle E. Kaplan Teachers College, Columbia University	Discusses the creation of technologies, which foster the development of more advanced internal mental models of causal systems during inquiry, thus improving reasoning competence.		http://www.ilt.columbia.edu/publications/papers/kaplanblack.html